

# ABSTRACT

A solid-state imaging device includes a color filter that selectively transmits incoming light. The color filter includes two  $\lambda/4$  multilayer films, and an insulation layer sandwiched between the two  $\lambda/4$  multilayer films. Here, each of the  $\lambda/4$  multilayer films is constituted by a plurality of dielectric layers, and the optical thickness of the insulation layer is not  $\lambda/4$ . Since this color filter has a smaller thickness, the solid-state imaging device has a smaller size.

10